



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Butler *et al.*

Serial No.: 09/541,210

Filed: April 3, 2000

For: *DNA TYPING BY MASS  
SPECTROMETRY WITH  
POLYMORPHIC DNA REPEAT  
MARKERS*

Art Unit: 1627

Examiner: Celsa, B.

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Sir:

Transmitted herewith are a Supplemental Information Disclosure Statement, Form PTO-1449 (1 page), the cited references, and a check for \$180 for filing in connection with the above-identified application.

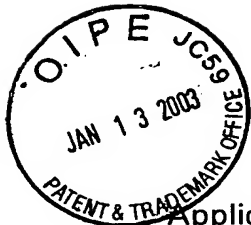
- ☒ The Commissioner is hereby authorized to charge any fee, including any submitted herewith if the attached check(s) is in the wrong amount or otherwise improper or missing, that may be due in connection with this and the attached papers, or with this application during its entire pendency to or to credit any overpayment to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted  
HELLER, EHRMAN, WHITE & McAULIFFE LLP

By:

  
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Attorney Docket No.: 24736-2059B  
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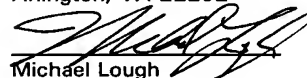
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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN  
ACCORDANCE WITH 37 C.F.R. §§ 1.97-1.98**

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P.O. Box 2327  
Arlington, VA 22202

01/16/2003 LWDNDIM1 00000028 09541210

01 FC:1806

180.00 DP

Dear Sir:

Because this Supplemental Information Disclosure Statement is filed after receipt of a First Office Action on the merits for the above-captioned application, the filing fee of \$180 is enclosed. If no proper payment is enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal, or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-1213.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. The Form PTO-1449 (1 page) is provided herewith.

The documents listed on the Form PTO-1449 and supplied herewith are in the English language. Hence, in accordance with the requirements of 37 C.F.R.

**USSN 09/541,210**

**Butler et al.**

**Information Disclosure Statement**

§ 1.98, as amended effective March 16, 1992, no further explanation of the listed items is necessary.

Applicant also makes known to the Examiner the following U.S. and International applications, which are commonly owned and/or have one or more inventors in common.

<u>U.S.S.N.(App. No.)</u>	<u>Filing Date</u>	<u>Docket No.</u>
09/297,575	05/03/99	2001US
08/947,801	10/08/97	2001B
08/786,988	01/23/97	2001D
09/364,774	07/30/99	2001E
09/371,150	08/09/99	2001F
09/429,683	10/28/99	2001G
09/724,877	11/28/00	2002K
09/796,416	02/28/01	2002L
09/879,341	06/11/01	2002M
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09/783,881	02/13/01	2004C
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09/483,629	01/14/00	2013C
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10/272,756	10/15/02	2033C
10/273,228	10/15/02	2033D
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**USSN 09/541,210****Butler et al.****Information Disclosure Statement**

10/145,970	05/13/02	2054C
09/089,730	06/03/98	2055C
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60/377,852	05/03/02	P2065
60/429,895	11/27/02	P2073

**Int'l App. no.****Filing Date****Docket No.**

PCT/US00/28413	10/13/00	2033PC
PCT/US01/21308	07/05/01	2035PC
PCT/US01/45123	10/24/01	2046PC
PCT/US02/06728	03/05/02	2048PC
PCT/US01/29290	09/18/01	2049PC
PCT/US02/12903	04/20/01	2050PC
PCT/US02/34447	10/25/02	2061PC
PCT/US02/34640	10/25/02	2062PC
PCT/US02/34490	10/25/02	2063PC

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

**USSN 09/541,210**

**Butler et al.**

**Information Disclosure Statement**

Applicant respectfully requests that the Examiner review the foregoing references and make them of record in the file history of the above-captioned application.

\* \* \*

Respectfully submitted,  
HELLER EHRMAN WHITE & McAULIFFE LLP

By: 

Stephanie Seidman  
Registration No. 33,779

Attorney Docket 24736-2059B

**Address all correspondence to:**

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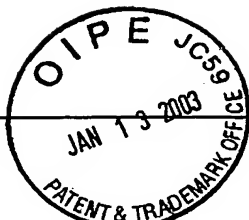
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FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
24736-2059BSERIAL NO.  
09/541,210LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
Butler *et al.*FILING DATE  
April 3, 2000GROUP  
1627RECEIVED  
JAN 17 2003  
TECH CENTER 1600/2000

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
	A	5	6	0	5	7	9	8	02/25/97	Köster	435	6	03/17/95
	B	5	5	4	7	8	3	5	08/20/96	Köster	435	6	01/06/94

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
	C	2	1	6	8	4	7	8	11/07/97	GB				
	D	9	6	3	6	7	3	2	11/21/96	PCT				
	E	9	6	3	6	7	3	6	11/21/96	PCT				
	F	9	6	3	6	9	8	6	11/21/96	PCT				

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

G	Mosca <i>et al.</i> , "Identified by mass spectrometry and DNA analysis", <i>Hemoglobin</i> , 17:261-268 (1993).
H	Prome <i>et al.</i> , "Use of combined mass spectrometry methods for the characterization of a new variant of human hemoglobin: The double mutant villeparisis beta77(EF1)", <i>J. Am. Soc. Mass Spect.</i> 7:163-7 (1996).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.